

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TRPM8 Peptide

Cat No.: BS60452P

Background

TRPM8 (transient receptor potential cation channel, subfamily M, member 8), also known as TRPP8 or LTRPC6, is a 1,104 amino acid multi-pass membrane protein that belongs to the TRP family of regulatory channel proteins. Expressed at high levels in prostate, TRPM8 functions as a receptor-activated cation channel that is permeable to monovalent cations (such as sodium and potassium) and divalent Ca^{2+} and is involved in the detection of temperature sensations (such as the feeling of coolness) throughout the body. TRPM8 is overexpressed in prostate tumors, as well as in colon, breast and lung cancers, suggesting an important role for TRPM8 in tumorigenesis.

Swiss-Prot

Q7Z2W7

Applications

Blocking

Specificity

This peptide can be used with studies using BS60452 TRPM8 pAb.

Purification & Purity

Synthetic peptide TRPM8. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.